

RESTRICTED
SECURITY INFORMATION
REVELATION OF THE CONTENTS OF
THIS DRAWING TO AN UNAUTHORIZED
PERSON IS PROHIBITED BY LAW. SEE
ESPIONAGE ACT, 50 USC 31-32.

REC (EMERG)

TDE

TAJ

TBK

TDZ-RDZ

AN/SPS-6c

MK39M3

REC

REC

REC

REC

REC

SG-1B

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NY8-8103

Puget Sound Naval Shipyard

27 April 1953

USS MONTAGUE (AKA98) Radio/Radar Antenna Arrangement & Rigging

STBD View (090°)

(Per BuShips' Manual Chapter 67-44)

EXAMINED & FOUND CORRECT *R. M. Lee*
 AS A BOOKLET OF GENERAL PLANS
 DATE *11-16-45* FOR SUPERVISOR OF SHIPBUILDING, U.S.N.

CORRECTED TO SUIT SHIP

PLACE	DATE	APPROVED by
PUGET SOUND NAVAL YARD	MARCH 15, 53	
AIM, SAN FRANCISCO	JULY 29, 55	<i>R. M. Lee Design Supt.</i>

RESTRICTED

NOTE:
 DOWNGRADED TO UNCLASSIFIED - BUSHIPS
 NOTICE 5510 SER. 520A-344 OF 13 DEC. 1954.

AKA-98

BOOKLET OF GENERAL PLANS

No	ORDER OF PLANS
1	COVER PAGE
2	GEN. DIMENSIONS & DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	TOP OF HOUSE, BRIDGE, BOAT & CABIN DKS.
6	SHELTER DECK
7	SECOND DECK
8	THIRD DECK
9	TANK TOP
10	TOP OF AMMN. RM. FIRE PUMP RM. AMMN. FLAT & SECTIONS
11	SECTIONS

BUREAU OF SHIPS No AKA 98-S0103-842001

PRINCIPAL DIMENSIONS

LENGTH OVERALL	459'-2 1/2"
LENGTH BETWEEN PERPENDICULARS	435'-0"
BREADTH MOULDED	63'-0"
DEPTH TO SHELTER DECK	40'-6"
LOAD DRAFT	25'-9"
HEIGHT OF MAIN TOPMAST (ABOVE L.W.L.)	114'-0 5/8"
HEIGHT OF FORE TOPMAST (ABOVE L.W.L.)	113'-5 1/4"

LIFE RAFTS

NO	NO PERSONS	LOCATION	DIMENSIONS	TOTAL
2	25	SHELTER DK. PORT INBD. CMT'RS. ON FR. 90 & 142	10'-0" x 5'-6" (OUTSIDE DIM.)	50
2	25	SHELTER DK. STBD. INBD. CMT'RS. ON FR. 90 & 142	" " "	50
2	40	SHELTER DK. PORT INBD. CMT'RS. ON FR. 90 & 142	11'-6" x 7'-0"	80
2	40	SHELTER DK. STBD. CMT'RS. ON FR. 90 & 142	" " "	80
2	60	SHELTER DK. PORT INBD. CMT'RS. ON FR. 90 & 142	13'-0" x 8'-6"	120
2	60	SHELTER DK. STBD. CMT'RS. ON FR. 90 & 142	" " "	120

BOATS

NO	TYPE AND LOCATION	DIMENSION	CAPACITY
6	LANDING ON BOAT DK. FR. 102 TO 117 2 INBD & 1 OUTBD. PORT 2 INBD & 1 OUTBD. STBD.	36'-0"	
2	LANDING ON SHELTER DK. (TOP OF MATCH NO. 1) ATWARTSHIP	" "	
2	LANDING " " " " NO. 2 " "	" "	
2	LANDING " " " " NO. 3 " "	" "	
2	LANDING " " " " NO. 4 " "	" "	
2	LANDING " " " " NO. 5 " "	" "	
2	TANK LIGHTER ON SHELTER DK. (TOP OF MATCH NO. 2) ATWARTSHIP	56'-0"	
2	TANK LIGHTER " " " " NO. 3 " "	56'-0"	
2	TANK LIGHTER " " " " NO. 4 " "	56'-0"	
2	TANK LIGHTER " " " " NO. 5 " "	50'-0"	

ACCOMMODATIONS

SHIP'S OFFICERS (INCLUDING 1 MARINE OFFICER)	36
TROOP OFFICERS	12
C.P.O. & N.C.O.	30
ENLISTED MEN	408
PASSENGERS	0
TOTAL	486

LIGHT DATA

NO	KIND	LOCATION	HEIGHT ABOVE L.W.L.	TO BOTTOM OF LIGHT
1	FORD ANCHOR	FORECASTLE - ON TOP OF JACK STAFF	52' - 5 1/4"	"
1	MASTHEAD	FORE-TOPMAST - 13' AFT FR. 67	87' - 4 1/4"	"
1	FORD TRUCKLIGHTS	FORE-TOPMAST " " "	115' - 7 1/16"	"
2	SIGNAL BLINKER	FORE-TOPMAST YARD ARM 4' AFT FR. 67	109' - 6 1/2"	"
2	RUNNING	BRIDGE DK. - FR. 93-95	39' - 9"	"
1	RANGE	MAIN TOPMAST 13' FORD FR. 141	106' - 6 1/16"	"
1	MAIN TRUCKLIGHT	MAIN TOPMAST " " "	116' - 1 1/16"	"
1	AFT ANCHOR	STERN ON STAFF	37' - 4"	"
1	STERN	ON 20" GUN PLATFORM (24' AFT FR. 164)	37' - 4 3/8"	"
1	WAKE	STERN	23' - 6"	"
1	CONVOY	1'-6" ABOVE 20" GUN PLATFORM (12' AFT FR. 164)	38' - 10 3/8"	"
1	SCREENED SPEEDLIGHT	9' AFT FR. 165	36' - 6 3/8"	TO BOTTOM OF SHIELD
6	FIGHTING LIGHTS	FORE TOPMAST 13' AFT FR. 67 FORE TOPMAST " " " FORE BOOM TOWER 9' AFT FR. 68	111' - 4 1/4" 92' - 10 1/4" 73' - 4 1/4"	TO CENTRE OF LIGHTS

FIREPLUGS

DECK	FRAME	P. OR S.
BRIDGE	108	P
"	109	S
BOAT	102	S (2 PLUGS)
"	107	P (")
CABIN	104-5	P & S (")
"	110	P
SHELTER	21-2	P & S
"	45	S
"	68	S
"	87	S
"	105	S (2 PLUGS)
"	107	P (")
"	122	S
"	139-40	P
"	186	P
2 ND.	44	P (2 PLUGS)
"	57	P (")
"	69	P (")
"	88	P (")
"	98	S (")
"	110	P (")
"	124-25	S (")
"	133-34	P (")
STORES FLAT	175	S (")
2 ND	11	P
HOLD - F.P. RM	43	S (4 PLUGS)
" - ENG. RM	112	S (5 ")
" - F.P. RM	140	P (4 ")

ABBREVIATIONS

AE	AIR ESCAPE	OD	OUTSIDE DIMENSION
AH	AMMUNITION HOIST	OT	OIL TIGHT
AP	AFTER PEAK	P&S	PORT & STARBOARD
BER	BERTH	PORT	PORTABLE
CLCH	CLOSED CHOCH	PULL OV	PULLMAN BERTH OVER
CPNY	COMPANIONWAY	RSD	READY SERVICE BOX
DB	DOUBLE BOTTOM	SCD	SCREEN DOOR
DF	DRINKING FOUNTAIN	SH	SHELF
DR UN	DRAWER UNDER	STD	STEEL DOOR
DW	DRAIN WELL	T	TABLE
FA	FIRE AXE	T & SH	TOILET & SHOWER
FATHM	FATHOMETER	TL	TANK LIGHTER
FE	FIRE EXTINGUISHER	TW	TYPEWRITER DESK
FLT	FLAT TOP DESK	V	VENTILATOR
FP	FORE PEAK	WR	WARDROBE
HR	HOSE RACK	WT	WATERTIGHT
HY	HOSE VALVE	WTD	WATERTIGHT DOOR
KP	KING POST		
L or LKR	LOCKER		
LB	LANDING BOAT		
LR	LIFE RING		
LWL	LOAD WATER LINE		
MACH	MACHINERY		
MH	MANHOLE		
NWT	NON WATER TIGHT		

LOCKERS

LOCATION	TYPE A	TYPE B-1			TYPE B-2		TYPE D			NO OF INDV. LKRS	PEA COAT	BUILT IN
		1 HIGH	2 HIGH	3 HIGH	1 HIGH	2 HIGH	1 HIGH	2 HIGH	3 HIGH			
SHELTER DK. FR. 98 STBD	33		1							35	2	
2ND DK. FR. 113 TO 141 P&S				71		25				263	10	
2ND DK. FR. 66 TO 94 STBD		5	32							106		

30 - SINGLE
DB - DOUBLE
EXAMPLE: ONE B-1 3 HIGH DOUBLE - 6 INDIVIDUAL LOCKERS

FIXED BALLAST TABLE

LOCATION	TYPE	WEIGHT
HOLD #1 P&S FR. 92 TO 117	MAGNETITE	317 TONS
HOLD #3 P&S FR. 66 TO 117	MAGNETITE	789 TONS
HOLD #1, 2, 3 & 4	STL. BHDS.	3.5 TONS
HOLD #1, 2, 3 & 4	CEMENT	805 TONS
HOLD #2 P&S FR. 54 TO 66	MAGNETITE	121 TONS
HOLD #4 P&S FR. 113 TO 129	MAGNETITE	95 TONS
TOTAL		1406 TONS

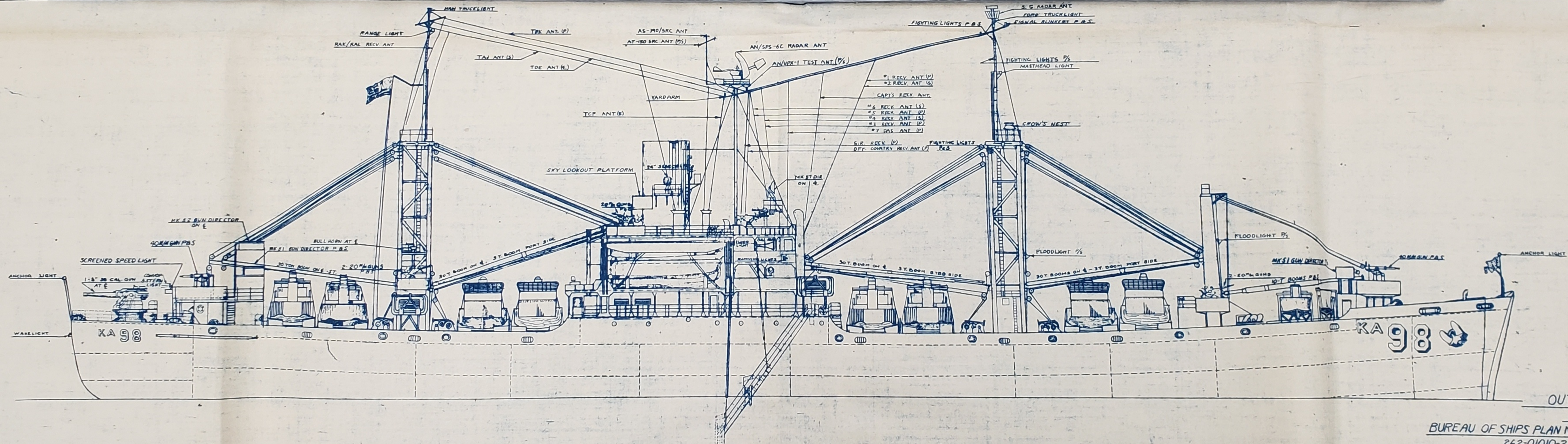
AKA-98

GEN. DIMENSIONS & DATA

SCALE

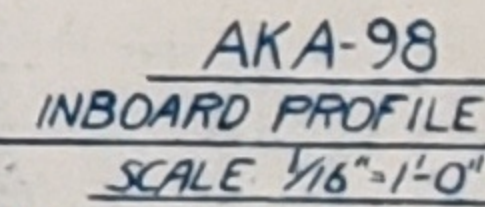
BUREAU OF SHIPS PLAN NO. AKA-98-50103-842001

262-01010-5 SHEET NO. 2 OF 11

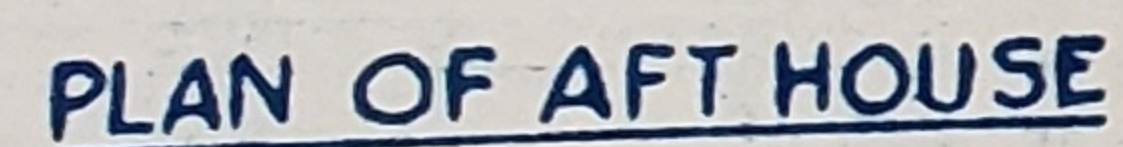


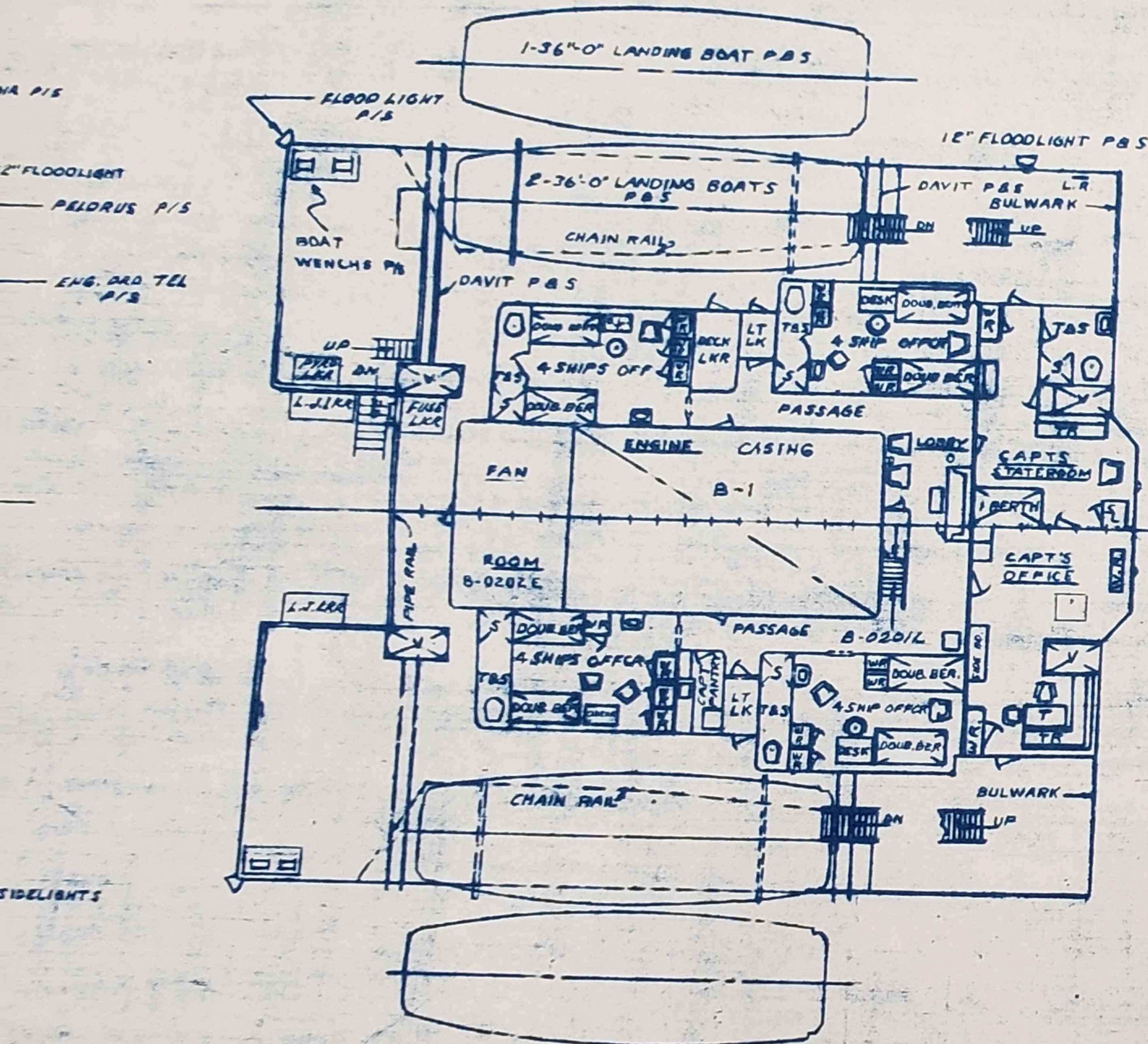
AKA-98
 OUTBOARD PROFILE
 SCALE 1/16"=1'-0"

BUREAU OF SHIPS PLAN NO. AKA 98-50103-842
 262-01010-3 SHEET 3 OF 11

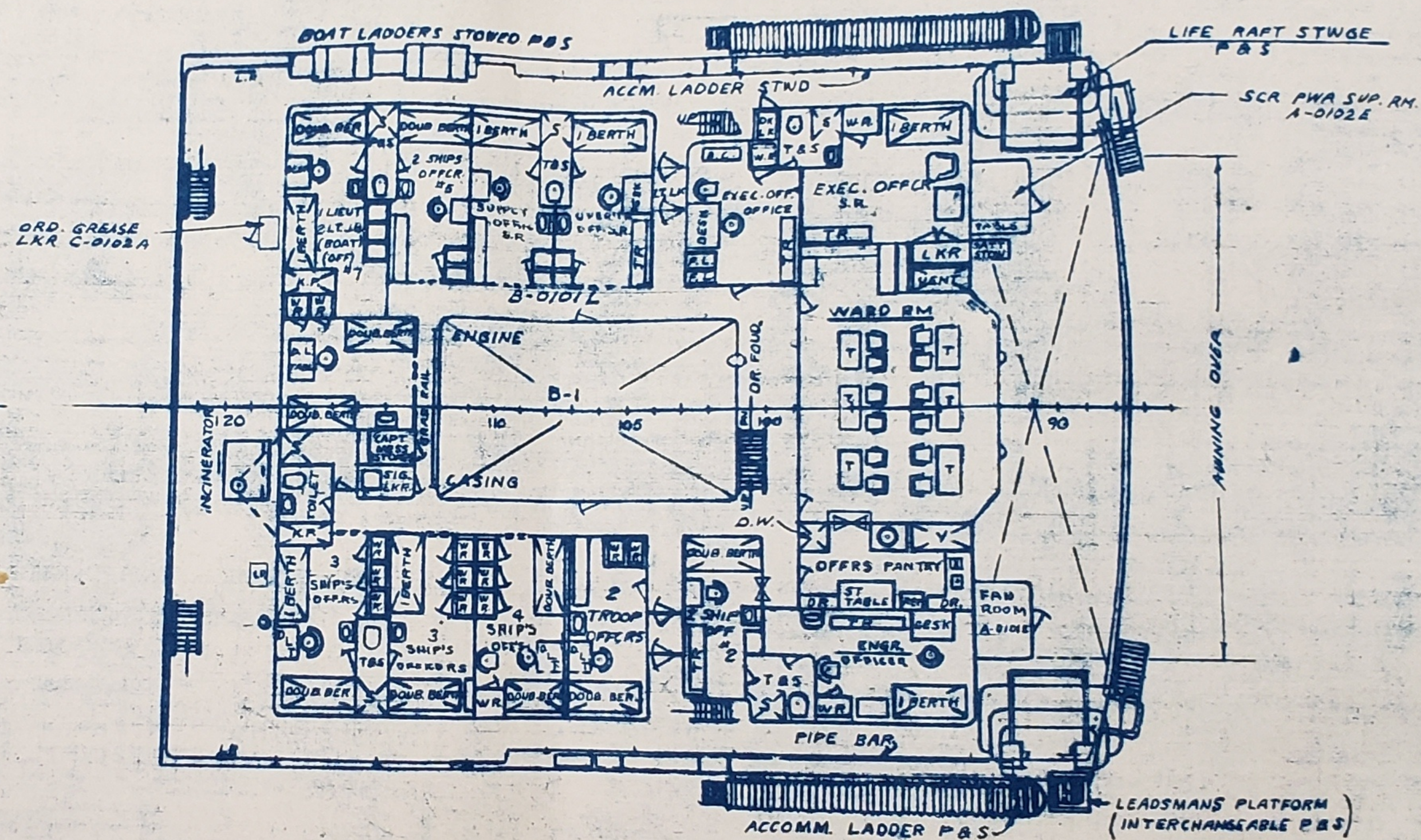


BUREAU OF SHIPS PLAN NO. AKA 98-S0103-842001
262-01010-5 SHEET 4 OF 11





BOAT DECK



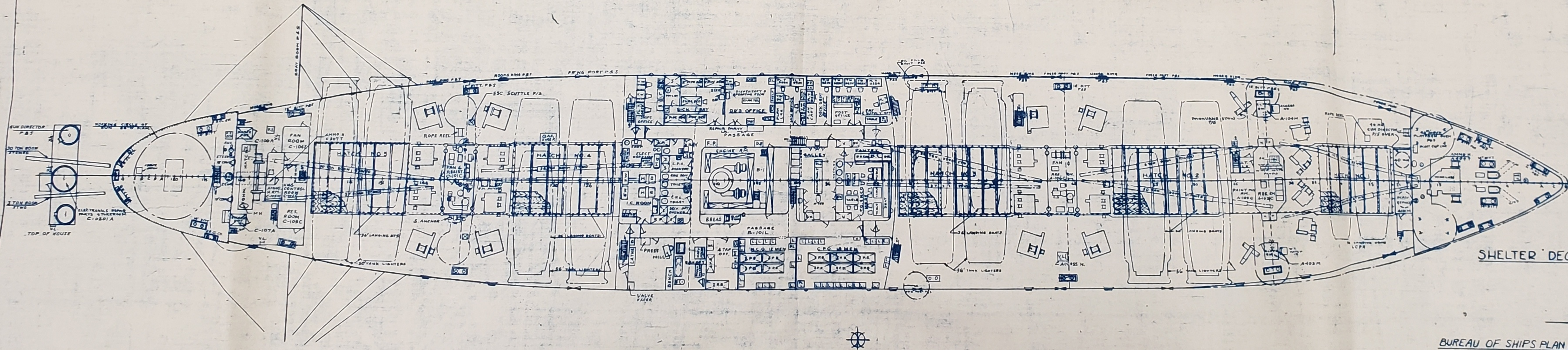
CABIN DECK

AKA-98
AFT HOUSE; BRIDGE DECKHOUSE
BRIDGE; BOAT & CABIN DECKS

SCALE 1/16"=1'-0"

BU. OF SHIPS PLAN NO. AKA 98-50103-842001

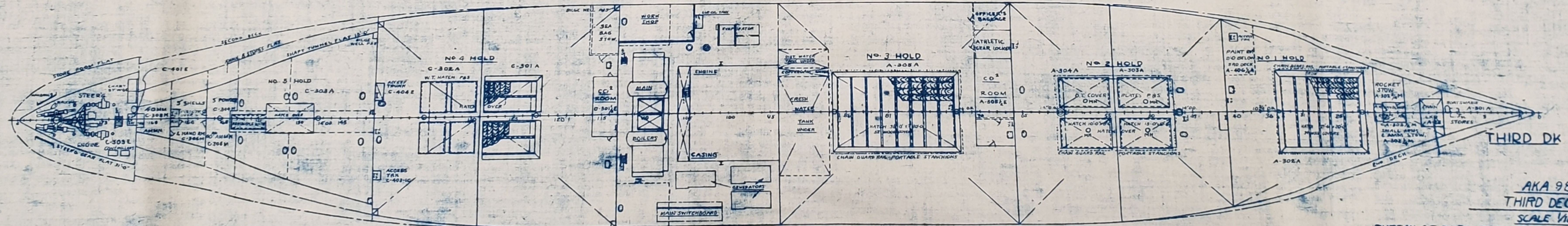
262-01010-5 SHEET NO. 5 OF 11



SHELTER DECK

AKA-98
SHELTER DECK
SCALE 1/16"=1'-0"

BUREAU OF SHIPS PLAN NO. AKA 98-SO103-842001
262-01010-5 SHEET NO. 6 OF 11

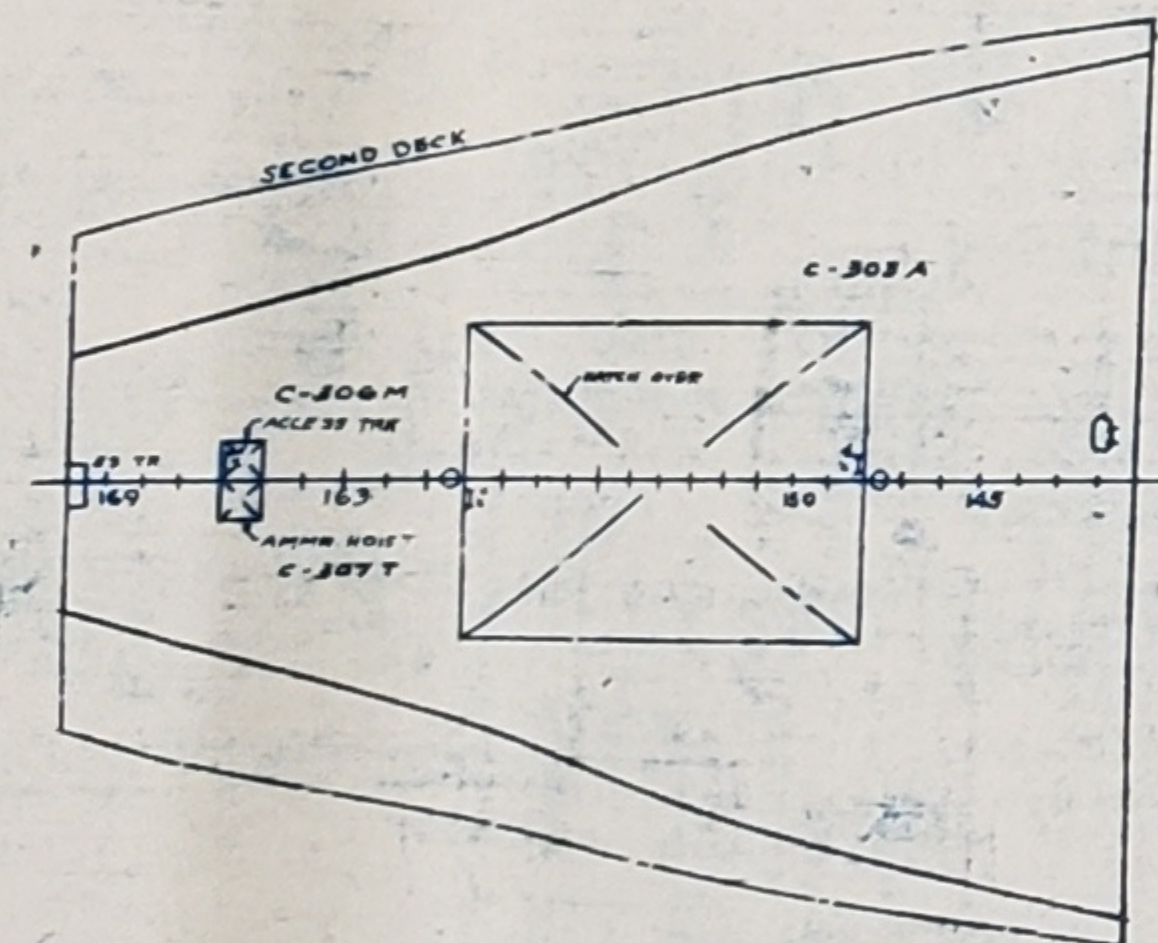


AKA 98
THIRD DECK

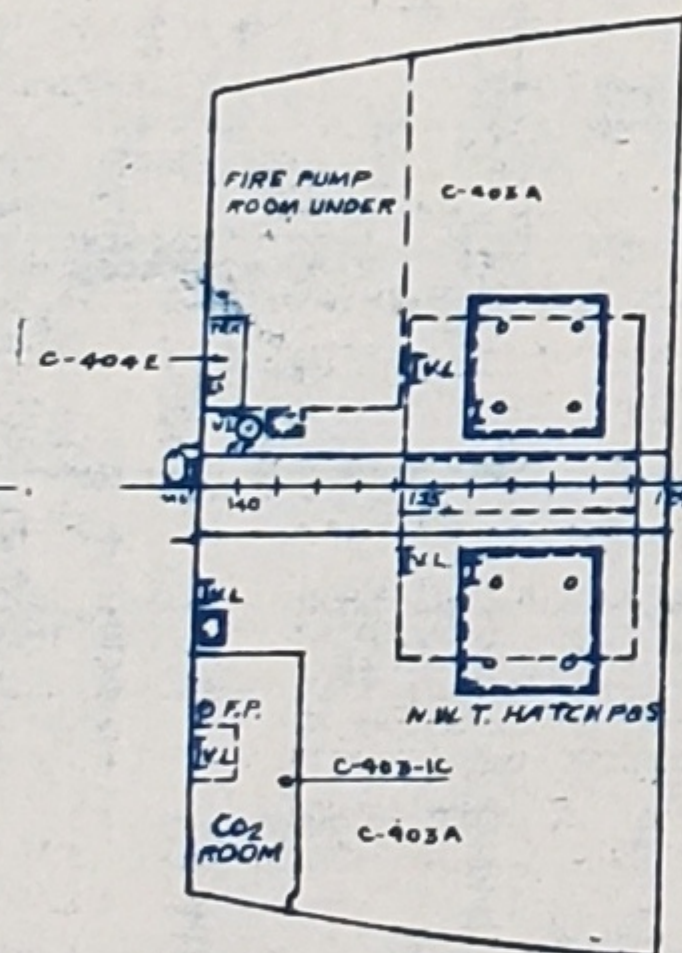
SCALE 1/16" = 1'-0"

BUREAU OF SHIPS PLAN NO. AKA-98-50103-84200

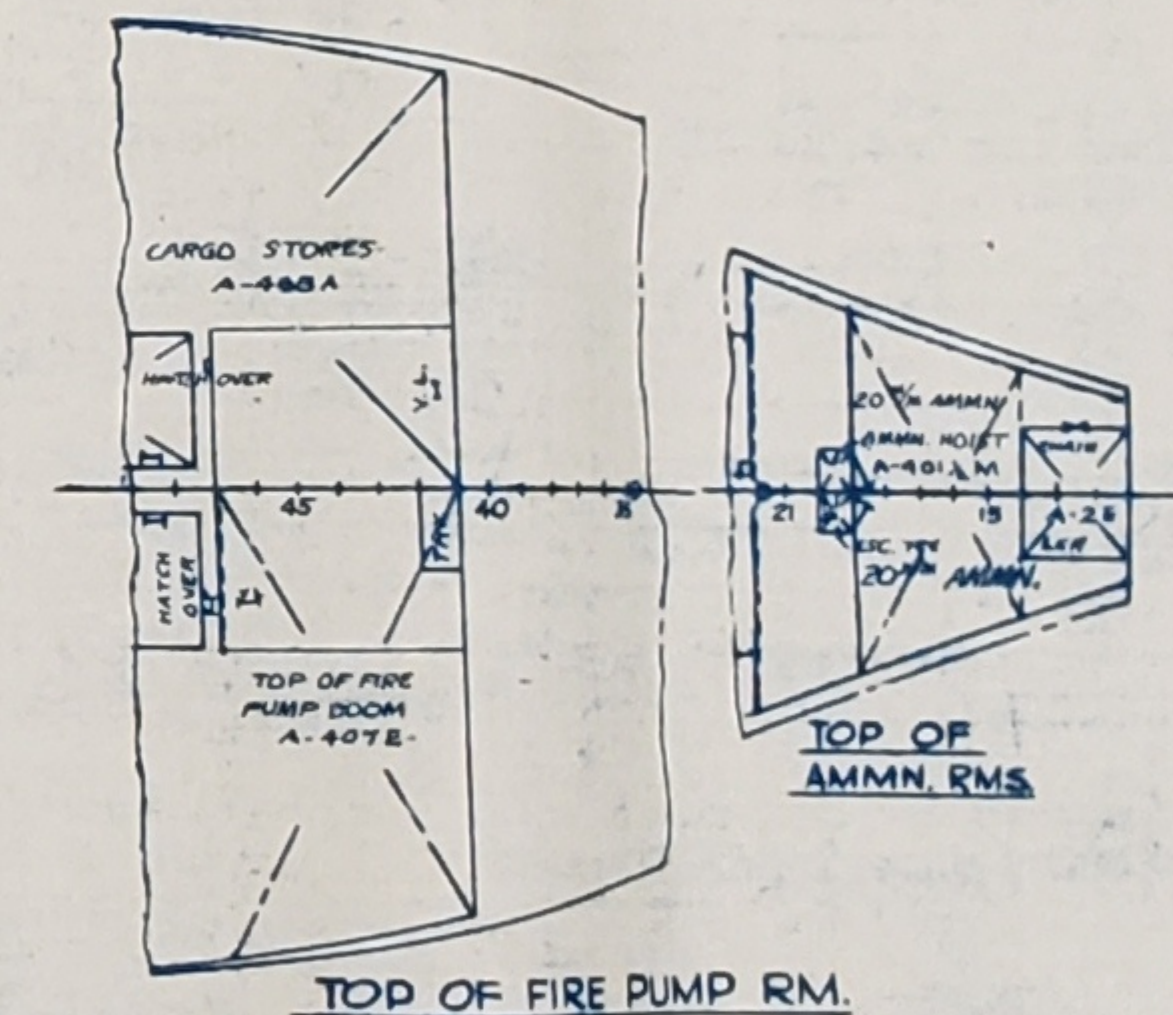
262-01010-5 SHEET NO. 8 OF 11



AMMN & STORES FLAT
(BELOW 2ND DECK)



GASOLINE STOWAGE FLAT
9'6" ABOVE TANK TOP



AKA-98
TOP OF AMMN RM. FIRE PUMP RM. GASOLINE
STOWAGE FLAT & AMMN. & STORES FLAT
SCALE 1/16" = 1'-0"

